

**CPC****COOPERATIVE PATENT CLASSIFICATION****A61C**

**DENTISTRY; APPARATUS OR METHODS FOR ORAL OR DENTAL HYGIENE** (non-driven toothbrushes A46B; { tongue scrapers A61B 17/24;} preparations for dentistry A61K 6/00; preparations for cleaning the teeth or mouth A61K 8/00, A61Q 11/00)

**WARNING**

[C2012.06]

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

[A61C 5/09](#) covered by [A61C 5/08](#)  
[A61C 5/11](#) covered by [A61C 5/08](#)  
[A61C 7/24](#) covered by [A61C 7/20](#)  
[A61C 7/26](#) covered by [A61C 7/20](#)  
[A61C 7/32](#) covered by [A61C 7/28](#)  
[A61C 8/02](#) covered by [A61C 8/0004](#)  
[A61C 11/04](#) covered by [A61C 11/00](#)  
[A61C 13/003](#) covered by [A61C 13/26](#)  
[A61C 13/007](#) covered by [A61C 13/01](#)  
[A61C 13/03](#) covered by [A61C 13/01](#)  
[A61C 13/07](#) covered by [A61C 13/0025](#)  
[A61C 13/093](#) covered by [A61C 13/1006](#)  
[A61C 13/103](#) covered by [A61C 13/1009](#)  
[A61C 13/105](#) covered by [A61C 13/1009](#)  
[A61C 13/107](#) covered by [A61C 13/0001](#)  
[A61C 13/113](#) covered by [A61C 13/0001](#)  
[A61C 13/15](#) covered by [A61C 19/003](#)  
[A61C 13/23](#) covered by [A61C 13/0025](#)  
[A61C 13/263](#) covered by [A61C 13/225](#)  
[A61C 13/271](#) covered by [A61C 13/26](#)  
[A61C 13/32](#) covered by [A61C 13/225](#)  
[A61C 13/36](#) covered by [A61C 13/1016](#)  
[A61C 13/38](#) covered by [A61C 13/12](#)  
[A61C 17/024](#) covered by [A61C 17/02](#)  
[A61C 17/032](#) covered by [A61C 17/02](#)  
[A61C 17/06](#) covered by [A61C 17/00](#)  
[A61C 17/08](#) covered by [A61C 17/00](#)  
[A61C 17/10](#) covered by [A61C 17/00](#)  
[A61C 17/12](#) covered by [A61C 17/00](#)  
[A61C 17/18](#) covered by [A61C 17/16](#)

**Dental surgery****A61C 1/00**

**Dental machines for boring or cutting;** { General features of dental machines or apparatus, e.g. hand-piece design}

**A61C 1/0007**

. {Control devices or systems (fluid temperature control in air and water supply systems of dental machines or apparatus [A61C 1/0069](#))}

**A61C 1/0015**

.. {Electrical systems}

**A61C 1/0023**

... {Foot control}

**A61C 1/003**

... {Control of rotation of instrument}

- A61C 1/0038 . . {Pneumatic systems}
- A61C 1/0046 . {Dental lasers (surgical lasers [A61B 18/20](#); working by laser beam in general [B23K 26/00](#); lasers per se [H01S 3/00](#))}
- A61C 1/0053 . {Portable units}
- A61C 1/0061 . {Air and water supply systems; Valves specially adapted therefor ([A61C 1/052](#) takes precedence; rinsing or air-blowing devices [A61C 17/02](#))}
- A61C 1/0069 . . {Fluid temperature control}
- A61C 1/0076 . . {Sterilising operating fluids or fluid supply elements such as supply lines, filters (sterilisation of liquid substances in general [A61L 2/18](#))}
- A61C 1/0084 . . {Supply units, e.g. reservoir arrangements, specially adapted pumps}
- A61C 1/0092 . . . {Pumps specially adapted therefor}
- A61C 1/02 . characterised by the drive of the dental tools
- A61C 1/04 . . with treadle or manual drive
- A61C 1/05 . . with turbine drive
- A61C 1/052 . . . {Ducts for supplying driving or cooling fluid, e.g. air, water}
- A61C 1/055 . . . . {through the working tool, e.g. hollow burr}
- A61C 1/057 . . . { with means for preventing suction effect in turbine after deactivation of the drive air}
- A61C 1/06 . . with electric drive
- A61C 1/07 . . with vibratory drive, e.g. ultrasonic
- A61C 1/08 . Machine parts specially adapted for dentistry
- A61C 1/081 . . {Pain-alleviating features}
- A61C 1/082 . . {Positioning or guiding, e.g. of drills}
- A61C 1/084 . . . {of implanting tools}
- A61C 1/085 . . . {for multiple drills, for simultaneous drilling}
- A61C 1/087 . . {Supplying powder or medicines}
- A61C 1/088 . . {Illuminating devices or attachments (for examination of the mouth [A61B 1/24B](#))}
- A61C 1/10 . . Straight hand-pieces
- A61C 1/12 . . Angle hand-pieces
- A61C 1/14 . . Tool-holders, {i.e. operating tool holders, e.g. burr holders}
- A61C 1/141 . . . {in an angled handpiece}
- A61C 1/142 . . . {Operating tool blocking means}
- A61C 1/144 . . . . {constricting the operating tool, e.g. chuck}
- A61C 1/145 . . . {Instruments or accessories for tool holders}
- A61C 1/147 . . . {in a straight handpiece}
- A61C 1/148 . . . {Non-rotating tool holders, e.g. vibrating, oscillating, nutating}
- A61C 1/16 . . Protecting caps for hand-pieces or angle-pieces
- A61C 1/18 . . Flexible shafts; Clutches or the like; {Bearings or lubricating arrangements; Drives or transmissions}(flexible shafts in general [F16C](#); clutches in general [F16D](#))
- A61C 1/181 . . . {Bearings or lubricating arrangements, e.g. air-cushion bearings}

- A61C 1/183 . . . . {Jewel bearings}
- A61C 1/185 . . . {Drives or transmissions}
- A61C 1/186 . . . . { with torque adjusting or limiting means}
- A61C 1/188 . . . { Means for allowing non driven rotation of the tool relative to the handle, e.g. toolswivel}

**A61C 3/00**

**Dental tools or instruments** (implanting tools [A61C 8/00](#); tools for fastening artificial teeth [A61C 13/12](#); visual inspection devices, e.g. dental mirrors, [A61B 1/24](#))

- A61C 3/005 . { Brushes for applying dental compositions}
- A61C 3/02 . Tooth drilling or cutting instruments; Instruments acting like a sandblast machine
- A61C 3/025 . . Instruments acting like a sandblast machine, e.g. for cleaning, polishing or cutting teeth
- A61C 3/03 . . Instruments operated by vibration
- A61C 3/04 . Supports for holding tooth drills in order of use
- A61C 3/06 . Tooth grinding or polishing discs; Holders therefor {(prophylactic cups [A61C 17/005](#))}
- A61C 3/08 . Tooth pluggers or hammers
- A61C 3/10 . Tooth pincettes or the like
- A61C 3/12 . Tooth saws
- A61C 3/14 . Dentists` forceps or the like for extracting teeth
- A61C 3/16 . Dentists` forceps {or clamps} for removing crowns
- A61C 3/162 . . {acting by leverage}
- A61C 3/164 . . {acting by percussion}
- A61C 3/166 . . {acting by vibration}
- A61C 3/168 . . {with wires}

**A61C 5/00**

**Filling or capping teeth**

- A61C 5/002 . { Facets}
- A61C 5/005 . {Dental anchoring pins; Mounting tools or dispensers therefor ([A61C 13/30](#) takes precedence)}
- A61C 5/007 . { Dental splints; teeth or jaw immobilisation devices; stabilizing retainers bonded to teeth after orthodontic treatments}
- A61C 5/02 . Implements for surgical treatment of the roots or nerves of the teeth; Nerve needles; Methods or instruments for medication of the roots (substances for chemical treatment [A61K 6/00](#))
- A61C 5/021 . . {Not used, see subgroups}

- A61C 5/023 . . . {Root canal files; Handgrips or guiding means therefor ([A61C 1/082](#), [A61C 5/025](#), [A61C 19/02](#) take precedence)}
- A61C 5/025 . . . {Depth control, e.g. for files; Supports or boxes with depth gauging means; Stop positioners; Instruments adjustably mounted in handle portion}
- A61C 5/026 . . . {Nerve extractors, e.g. needles; Removing broken parts of endodontic instruments}
- A61C 5/028 . . . {Means preventing loss of endodontic instruments}
- A61C 5/04 . Implements for filling natural teeth; Methods or instruments for medication of tooth nerve channels ({rinsing tooth nerve channels [A61C 17/02](#); composition of the fillings [A61K 6/02](#))}
- A61C 5/045 . . { with heating means, e.g. for heating gutta percha or filling}
- A61C 5/06 . Amalgam presses or mixers ({[A61C 19/005](#) takes precedence})
- A61C 5/062 . . {Dental composition applicators, e.g. syringes, guns ([A61C 9/0026](#) takes precedence)}
- A61C 5/064 . . . { Multi-component applicators}
- A61C 5/066 . . {Amalgam capsules}
- A61C 5/068 . . {Dental composition mixers, e.g. amalgators, capsule holders}
- A61C 5/08 . Tooth crowns; Making same; Securing crowns in the mouth (dental implants [A61C 8/00](#))
- A61C 5/10 . . Methods or devices for making crowns ({[A61C 13/0004](#) takes precedence})
- A61C 5/12 . Tooth clamps; Dam holders; {Dental aids fixed to the teeth during treatment}
- A61C 5/122 . . {Dental dams; Holders or clamps therefor}
- A61C 5/125 . . {Dental filling bands, e.g. matrix bands; Manipulating tools therefor}
- A61C 5/127 . . {Dental wedges}
- A61C 5/14 . Lip or mouth protectors
- A61C 7/00** **Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions**
- A61C 7/002 . { Orthodontic computer assisted systems}
- A61C 7/006 . {using magnetic force}
- A61C 7/008 . { using vibrating means}
- A61C 7/02 . Tools for manipulating or working with an orthodontic appliance ({tools for placement of brackets [A61C 7/146](#); Instruments for attaching elastic bands [A61C 7/306](#))}
- A61C 7/023 . . { for debonding or removing orthodontic devices}
- A61C 7/026 . . { for twisting orthodontic ligature wires}
- A61C 7/04 . . plier-type, {e.g. pincers}
- A61C 7/06 . Extra-oral force transmitting means, i.e. means worn externally of the mouth and placing a member in the mouth under tension

- A61C 7/065 . . { with a chin cup}
- A61C 7/08 . Mouthpiece-type retainers {or positioners, e.g. for both the lower and upper arch (arch-shaped medicament applicators for teeth or gums [A61C 19/063](#); mouthguards for protecting the teeth of sportsmen [A63B 71/085](#))}
- A61C 7/10 . Devices having means to apply outwardly directed force, e.g. expanders
- A61C 7/12 . Brackets; Arch wires; Combinations thereof; Accessories therefor
- A61C 7/125 . . { Mouth tissue protecting means, e.g. bracket caps}
- A61C 7/14 . . Brackets ([A61C 7/28](#) takes precedence); Fixing brackets to teeth
- A61C 7/141 . . . {Brackets with reinforcing structure, e.g. inserts}
- A61C 7/143 . . . { Brackets with two or more recesses for arch wires}
- A61C 7/145 . . . { Lingual brackets}
- A61C 7/146 . . . {Positioning or placement of brackets; Tools therefor}
- A61C 7/148 . . . { with occlusal or gingival archwire slot opening ([A61C 7/145](#) takes precedence)}
- A61C 7/16 . . . specially adapted to be cemented to teeth
- A61C 7/18 . . . specially adapted to be fixed to teeth with a band; Bands therefor
- A61C 7/20 . . Arch wires ([A61C 7/28](#) takes precedence)
- A61C 7/22 . . Tension adjusting means
- A61C 7/28 . . Securing arch wire to bracket
- A61C 7/282 . . . {Buccal tubes}
- A61C 7/285 . . . {Locking by rotation}
- A61C 7/287 . . . {Sliding locks}
- A61C 7/30 . . . by resilient means; {Dispensers therefor}
- A61C 7/303 . . . . {Elastic bands}
- A61C 7/306 . . . . . {Dispensers or attachment instruments therefor}
- A61C 7/34 . . . using lock pins
- A61C 7/36 . Devices acting between upper and lower teeth
- A61C 8/00** **Means to be fixed to the jaw-bone for consolidating natural teeth or for fixing dental prostheses thereon; Dental implants; Implanting tools (fastening of peg-teeth in the mouth [A61C 13/30](#))**
- A61C 8/0001 . {Impression means for implants, e.g. impression coping}
- A61C 8/0003 . {Not used, see subgroups}
- A61C 8/0004 . . {Consolidating natural teeth}
- A61C 8/0006 . . . {Periodontal tissue or bone regeneration (support means for endoprosthetic bone substitute or bone graft implants [A61F 2/2846](#))}
- A61C 8/0007 . . . . { Stimulation of growth around implant by electrical means}
- A61C 8/0009 . . {Consolidating prostheses or implants, e.g. by means of stabilising pins ([A61C 8/0031](#) takes precedence)}

- A61C 8/001 . {Multiple implanting technique, i.e. multiple component implants introduced in the jaw from different directions}
- A61C 8/0012 . {characterised by the material or composition, e.g. ceramics, surface layer, metal alloy (use of specific materials [A61K 6/00](#))}
- A61C 8/0013 .. { with a surface layer, coating}
- A61C 8/0015 ... { being a conversion layer, e.g. oxide layer}
- A61C 8/0016 .. { polymeric material}
- A61C 8/0018 . {characterised by the shape}
- A61C 8/0019 .. {Blade implants}
- A61C 8/0021 ... { with self-incising cutting edge}
- A61C 8/0022 .. {Self-screwing ([A61C 8/0028](#) takes precedence)}
- A61C 8/0024 ... { with self-boring cutting edge}
- A61C 8/0025 ... { with multiple threads}
- A61C 8/0027 .. {Frames}
- A61C 8/0028 .. {Pins, needles; Head structures therefor ([A61C 8/0004](#), [A61C 8/0009](#) take precedence)}
- A61C 8/003 .. {Transmandibular implants}
- A61C 8/0031 .. {Juxtaosseous implants, i.e. implants lying over the outer surface of the jaw bone}
- A61C 8/0033 .. {Expandable implants; Implants with extendable elements}
- A61C 8/0034 .. { Long implant, e.g. zygomatic implant}
- A61C 8/0036 .. { Tooth replica}
- A61C 8/0037 .. { Details of the shape}
- A61C 8/0039 ... { in the form of hollow cylinder with an open bottom}
- A61C 8/004 ... { inflatable}
- A61C 8/0042 ... { consisting of two halves}
- A61C 8/0043 ... { having more than one root}
- A61C 8/0045 ... { with a stepped body}
- A61C 8/0048 . {Connecting the upper structure to the implant, e.g. bridging bars ([A61C 8/0028](#) takes precedence)}
- A61C 8/005 .. {Connecting devices for joining an upper structure with an implant member, e.g. spacers}
- A61C 8/0051 ... { Abutment monobloc with restoration}
- A61C 8/0053 ... { with angular adjustment means, e.g. ball and socket joint}
- A61C 8/0054 ... { having a cylindrical implant connecting part}
- A61C 8/0056 ... { diverging in the apical direction of the implant or abutment}
- A61C 8/0057 ... { with elastic means}
- A61C 8/0059 ... { with additional friction enhancing means}
- A61C 8/006 ... { with polygonal positional means, e.g. hexagonal or octagonal}
- A61C 8/0062 ... { Catch or snap type connection}
- A61C 8/0063 ... { with an internal sleeve}
- A61C 8/0065 ... { with expandable or compressible means}

- A61C 8/0066 . . . { with positioning means ([A61C 8/006](#) takes precedence)}
- A61C 8/0068 . . . { with an additional screw}
- A61C 8/0069 . . . { tapered or conical connection}
- A61C 8/0071 . . . . { with a self-locking taper, e.g. morse taper}
- A61C 8/0072 . . . . { including male and female conical parts with different angles}
- A61C 8/0074 . . . { with external threads}
- A61C 8/0075 . . { Implant heads specially designed for receiving an upper structure (if separable from the implant [A61C 8/005](#))}
- A61C 8/0077 . . { with shape following the gingival surface or the bone surface}
- A61C 8/0078 . . { with platform switching, i.e. platform between implant and abutment}
  
- A61C 8/008 . {Healing caps or the like}
  
- A61C 8/0081 . {Magnetic dental implant retention systems}
  
- A61C 8/0083 . {Intra-gingival inserts}
  
- A61C 8/0086 . {with shock absorbing means}
  
- A61C 8/0087 . {Means for sterile storage or manipulation of dental implants}
  
- A61C 8/0089 . {Implanting tools or instruments}
- A61C 8/009 . . { for selecting the right implanting element, e.g. templates}
- A61C 8/0092 . . { for sinus lifting}
  
- A61C 8/0093 . { Features of implants not otherwise provided for}
- A61C 8/0095 . . { Total denture implant}
- A61C 8/0096 . . { Implants for use in orthodontic treatment}
- A61C 8/0098 . . { Immediate loaded implants}

#### **Dental prosthetics; Artificial teeth** (preparations for dentistry [A61K 6/00](#))

#### **A61C 9/00**

**Impression cups**, {i.e. impression trays}; **Impression methods** {(computer-assisted sizing [A61C 13/0004](#); instruments for determining occlusion [A61C 19/05](#))}

- A61C 9/0006 . {Impression trays}
- A61C 9/0013 . . { Inflatable trays}
  
- A61C 9/002 . {Means or methods for correctly replacing a dental model, e.g. dowel pins; Dowel pin positioning means or methods}
  
- A61C 9/0026 . {Syringes or guns for injecting impression material; Mixing impression material for immediate use}
  
- A61C 9/0033 . {Gingival retraction appliances}
  
- A61C 9/004 . { Means or methods for taking digitized impressions}

- A61C 9/0046 . . { Data acquisition means or methods}
- A61C 9/0053 . . . { Optical means or methods, e.g. scanning the teeth by a laser or light beam}
- A61C 9/006 . . . . { projecting one or more stripes or patterns on the teeth}
- A61C 9/0066 . . . . { Depth determination through adaptive focusing}
- A61C 9/0073 . . . . { Interferometric means or methods, e.g. creation of a hologram}
- A61C 9/008 . . . { Mechanical means or methods, e.g. a contact probe moving over the teeth}
- A61C 9/0086 . . . { Acoustic means or methods}
- A61C 9/0093 . . { Workpiece support}

**A61C 11/00** **Dental articulators, i.e. for simulating movement of the temporo-mandibular joints; Articulation forms or mouldings**

- A61C 11/001 . {non-pivoting}
- A61C 11/003 . { with height adjustments thereof}
- A61C 11/005 . { with tracing devices}
- A61C 11/006 . { with an occlusal plate}
- A61C 11/008 . { made of wires}
- A61C 11/02 . characterised by the arrangement, location or type of the hinge means; {Articulators with pivots}
- A61C 11/022 . . {with two adjustable pivoting points, e.g. Argon-type articulators}
- A61C 11/025 . . { with a pivotable lower part, i.e. mandibule motion simulator}
- A61C 11/027 . . {with a hinge made of resilient material}
- A61C 11/06 . with incisal guide
- A61C 11/08 . with means to secure dental casts to articulator
- A61C 11/081 . . { with adjusting means thereof}
- A61C 11/082 . . . { for rectilinear adjustment}
- A61C 11/084 . . . { for 3D adjustment, e.g. Ball-and-socket}
- A61C 11/085 . . . { Intermediary adjustment plates}
- A61C 11/087 . . { using magnets}
- A61C 11/088 . . { using screws}

**A61C 13/00** **Dental prostheses; Making same** (tooth crowns for capping teeth [A61C 5/08](#); dental implants [A61C 8/00](#))

- A61C 13/0001 . {In-situ dentures; Trial or temporary dentures}
- A61C 13/0003 . {Making bridge-work, inlays, implants or the like}
- A61C 13/0004 . . {Computer-assisted sizing or machining of dental prostheses}
- A61C 13/0006 . . {Production methods}



- A61C 13/0007 . . . {using sand blasting}
- A61C 13/0009 . . . {using a copying machine}
- A61C 13/001 . . . {Electrophoresis coating}
- A61C 13/0012 . . . {Electrolytic coating}
- A61C 13/0013 . . . {using stereolithographic techniques}
- A61C 13/0015 . . . {using electrical discharge machining (EDM), e.g. spark erosion}
- A61C 13/0016 . . . {using ultrasonic or sonic machining process}
- A61C 13/0018 . . . {using laser}
- A61C 13/0019 . . . {using three dimensional printing}
- A61C 13/0021 . . . {using stamping techniques}
- A61C 13/0022 . . {Blanks or green, unfinished dental restoration parts}
  
- A61C 13/0024 . {Repairing or adjusting dentures; Location of irritating zones}
- A61C 13/0025 . {Linings}
- A61C 13/0027 . {Base for holding castings}
- A61C 13/0028 . {Instruments or appliances for wax-shaping or wax-removing}
  
- A61C 13/01 . Palates or other bases or supports for the artificial teeth; Making same
- A61C 13/02 . . made by galvanoplastic methods or by plating; Surface treatment; Enamelling; Perfuming; Making antiseptic
- A61C 13/04 . . made by casting
- A61C 13/06 . . made by punching
  
- A61C 13/08 . Artificial teeth; Making same ([kilns for artificial teeth F27B](#))
- A61C 13/081 . . {Making teeth by casting or moulding}
- A61C 13/082 . . {Cosmetic aspects, e.g. inlays; Determination of the colour ([A61C 19/10](#) takes precedence)}
- A61C 13/083 . . Porcelain or ceramic teeth {([A61C 13/081](#) takes precedence; preparations [A61K 6/02](#))}
- A61C 13/0835 . . . {Ceramic coating on metallic body}
- A61C 13/087 . . Artificial resin teeth {([A61C 13/081](#) takes precedence; preparations [A61K 6/02](#))}
- A61C 13/09 . . {Composite teeth, e.g. front and back section ([A61C 13/0835](#), [A61C 13/1023](#) take precedence)}; Multilayer teeth
- A61C 13/097 . . characterised by occlusal profiles, {i.e. chewing contact surfaces}
  
- A61C 13/10 . Fastening of artificial teeth to denture palates or the like {([A61C 8/0048](#) takes precedence)}
- A61C 13/1003 . . {by embedding in base material}
- A61C 13/1006 . . . {characterised by a tooth shape which improves retention}
- A61C 13/1009 . . . {Anchorage members, e.g. pins or bars; Means or methods for affixing pins to porcelain teeth}
- A61C 13/1013 . . . {Arch forms}
- A61C 13/1016 . . . . {Methods or apparatus for mounting, holding or positioning a set of teeth}

**WARNING**

Not complete, see [A61C 13/00](#), [A61C 13/04](#)

- A61C 13/102      ..      {to be fixed to a frame}
- A61C 13/1023    ...      {Facing and backing}
- A61C 13/1026    ..      {Shock absorbers}
  
- A61C 13/12      .      Tools for fastening artificial teeth; Holders, clamps, or stands for artificial teeth  
                           {([A61C 8/0089](#) takes precedence)}
- A61C 13/14      ..      Vulcanising devices for artificial teeth ({by radiation [A61C 19/003](#)}; apparatus for  
                           curing, e.g. vulcanising, of plastics or substances in a plastic state, in general  
                           [B29C 35/00](#))}
- A61C 13/16      ..      Curing flasks; Holders therefor
- A61C 13/18      ..      Presses for flasks
  
- A61C 13/20      .      Methods or devices for soldering, casting, moulding or melting {([A61C 13/04](#),  
                           [A61C 13/081](#) take precedence)}
- A61C 13/203     ..      {using microwave energy}
- A61C 13/206     ..      {Injection moulding}
  
- A61C 13/225     .      Fastening prostheses in the mouth {([A61C 8/0048](#) takes precedence)}
- A61C 13/2255    ..      {Frames for partial dentures; Lingual bars}
- A61C 13/235     ..      Magnetic fastening ({[A61C 8/0081](#) takes precedence}; magnetic implants  
                           [A61C 8/00](#))}
- A61C 13/24      ..      Fastening by suction, {i.e. total dentures ([A61C 8/00](#), [A61C 13/235](#), [A61C 13/28](#)  
                           take precedence)}
- A61C 13/245     ...      {Vacuum enhancing devices, e.g. valves}
- A61C 13/25      ...      including valve or air passageway leading from suction area to lingual cavity
- A61C 13/26      ..      Dentures without palates; {Partial dentures, e.g. bridges}
- A61C 13/265     ..      Sliding or snap attachments {not used, see subgroups}
- A61C 13/2653    ...      {Sliding attachments}
- A61C 13/2656    ...      {Snap attachments}
- A61C 13/267     ..      Clasp fastening
- A61C 13/273     ..      removably secured to residual teeth by using bolts { or locks}
- A61C 13/275     ..      removably secured by using bridging bars or rails between residual teeth
- A61C 13/277     ..      Telescopic anchoring, { i.e. using spring biased detents}
- A61C 13/28      ..      Fastening by spring action between upper and lower denture
- A61C 13/30      ..      Fastening of peg-teeth in the mouth
  
- A61C 13/34      .      Making or working of models, e.g. preliminary castings, trial dentures; Dowel pins [4]

**Tooth-cleaning or mouth-rinsing devices** (non-driven toothbrushes [A46B](#); { tongue  
 scrapers [A61B 17/24](#); } preparations for cleaning the teeth or mouth [A61K 8/00](#),  
[A61Q 11/00](#))

**A61C 15/00****Devices for cleaning between the teeth**

- A61C 15/02 . Toothpicks
- A61C 15/04 . Dental floss; Floss holders {not used, see subgroups}
- A61C 15/041 .. { Dental floss (chemical aspects [A61Q 11/00](#))}
- A61C 15/042 ... { comprising protuberances along its length, e.g. balls or knots}
- A61C 15/043 .. {Containers, dispensers, or the like, e.g. with cutting means ([A61C 15/046](#) takes precedence)}
- A61C 15/045 .. {Threading or knotting devices}
- A61C 15/046 .. {Flossing tools}
- A61C 15/047 ... {power-driven}
- A61C 15/048 ... { with heads removable from handle, e.g. interchangeable heads}

**A61C 17/00**

**Devices for cleaning, polishing, rinsing or drying teeth, teeth cavities or prostheses**  
 (instruments acting like a sandblast machine [A61C 3/025](#); tooth polishing discs or holders therefor [A61C 3/06](#); devices for cleaning between the teeth [A61C 15/00](#)); **Saliva removers; Dental appliances for receiving spittle**

**NOTE**

Cleaning of prostheses using ultrasonic techniques similar to those used for natural teeth is classified in this group. Other ultrasonic cleaning of prostheses is classified in group [B08B 3/12](#)

- A61C 17/005 . {Devices for dental prophylaxis}
- A61C 17/02 . Rinsing or air-blowing devices, e.g. using fluid jets { or comprising liquid medication}({ air and water supply systems in dental machines in general [A61C 1/0061](#); with particulate material supply [A61C 3/025](#);} combined with power-driven cleaning or polishing devices [A61C 17/16](#))
- A61C 17/0202 .. {Hand-pieces}
- A61C 17/0205 .. {Container filling apparatus}
- A61C 17/0208 .. {combined with means providing suction ([A61C 17/0211](#) takes precedence)}
- A61C 17/0211 .. {specially adapted for rinsing the teeth of at least one jaw simultaneously ([A61C 17/20](#) takes precedence)}
- A61C 17/0214 .. {adapted to be connected to the main water supply, e.g. using a water tap}
- A61C 17/0217 .. {having means for manually controlling the supply of two or more fluids, e.g. water and air}
- A61C 17/022 .. Air-blowing devices, {e.g. with means for heating the air}
- A61C 17/028 .. with intermittent liquid flow {([A61C 17/0211](#) takes precedence)}
- A61C 17/036 . Cleaning devices for {dental} prostheses {removed from the oral cavity (using ultrasonics [B08B 3/12](#))}
- A61C 17/04 . Spittoons or saliva removers for dental use

- A61C 17/043 . . { Aspiration tips (aspiration combined with rinsing or liquid medication [A61C 17/0208](#))}
- A61C 17/046 . . {characterised by provisions for processing the collected matter, e.g. for separating solids or air (similar devices for medical use [A61M 1/0056](#))}
- A61C 17/14 . Dental appliances for receiving spittle, with or without rinsing means therefor, e.g. dental basins, spittoons, cuspidors
- A61C 17/16 . Power-driven cleaning or polishing devices
- A61C 17/20 . . using ultrasonics
- A61C 17/22 . . with brushes, cushions, cups, or the like (brush bodies, e.g. arrangements of the bristles [A46B](#))
- A61C 17/221 . . . { Control arrangements therefor}
- A61C 17/222 . . . { Brush body details, e.g. the shape thereof or connection to handle}
- A61C 17/224 . . . { Electrical recharging arrangements}
- A61C 17/225 . . . { Handles or details thereof}
- A61C 17/227 . . . { with reservoirs, e.g. for toothpaste}
- A61C 17/228 . . . { Self-contained intraoral toothbrush, e.g. mouth-guard toothbrush without handle}
- A61C 17/24 . . . rotating continuously ([A61C 17/40](#) takes precedence)
- A61C 17/26 . . . driven by electric motor
- A61C 17/28 . . . with rinsing means
- A61C 17/30 . . . driven by hydraulic motor, e.g. water motor
- A61C 17/32 . . . reciprocating or oscillating
- A61C 17/34 . . . driven by electric motor
- A61C 17/3409 . . . { characterized by the movement of the brush body}
- A61C 17/3418 . . . { Rotation around the axis of the toothbrush handle}
- A61C 17/3427 . . . { Rotation around the axis perpendicular to the axis of toothbrush handle and in the plane defined by the bristle holder}
- A61C 17/3436 . . . { Rotation around the axis perpendicular to the plane defined by the bristle holder}
- A61C 17/3445 . . . { Translation along the axis of the toothbrush handle}
- A61C 17/3454 . . . { Translation along the axis perpendicular of the axis of toothbrush handle and in the plane defined by the bristle holder}
- A61C 17/3463 . . . { Translation along the axis perpendicular to the plane defined by the bristle holder}
- A61C 17/3472 . . . { with combined movements of the brush body}
- A61C 17/3481 . . . { Vibrating brush body, e.g. by using eccentric weights}
- A61C 17/349 . . . { with multiple brush bodies}
- A61C 17/36 . . . with rinsing means
- A61C 17/38 . . . driven by hydraulic motor, e.g. water motor
- A61C 17/40 . . . orbiting, e.g. nutating

- A61C 19/00**      **Dental auxiliary appliances** (dental chairs or accessories therefor, working stands whether or not combined with chairs [A61G 15/00](#))
- A61C 19/001      . {Holders for absorbent pads (absorbent pads per se [A61F 13/00](#))}
- A61C 19/002      . {Cleaning devices specially adapted for dental instruments (disinfecting [A61L 2/00](#); cleaning in general [B08B](#))}
- A61C 19/003      . {Apparatus for curing resins by radiation}
- A61C 19/004      . . {Hand-held apparatus, e.g. guns}
- A61C 19/005      . {Devices for the manual mixing of small quantities of materials, e.g. trays for mixing dental porcelain}
- A61C 19/006      . {Finger- or hand-supported dental trays}
- A61C 19/007      . {Dust removing devices on working places in dental laboratories, e.g. working by suction (preventing escape of dirt [B08B 15/00](#))}
- A61C 19/008      . {Devices for displaying or storing lost natural teeth, e.g. boxes}
- A61C 19/02      . Protective casings, e.g. boxes for instruments; Bags; {([A61C 5/025](#) takes precedence)}
- A61C 19/04      . Measuring instruments specially adapted for dentistry ({[A61C 5/025](#) takes precedence; testing vitality of teeth [A61B 5/05D](#)}; radiation diagnosis [A61B 6/00](#))
- A61C 19/041      . . {for measuring the length of the root canal of a tooth}
- A61C 19/042      . . { for determining the position of a root apex}
- A61C 19/043      . . {Depth measuring of periodontal pockets; Probes therefor}
- A61C 19/045      . . for recording mandibular movement, e.g. face bows
- A61C 19/05      . . for determining occlusion
- A61C 19/052      . . . { with tracing appliances}
- A61C 19/055      . . Paralleling devices
- A61C 19/06      . Implements for therapeutic treatment (radiation therapy [A61N 5/00](#))
- A61C 19/063      . . {Medicament applicators for teeth or gums, e.g. treatment with fluorides}
- A61C 19/066      . . . { Bleaching devices; Whitening agent applicators for teeth, e.g. trays or strips}
- A61C 19/08      . . combined with anaesthetising implements (dental hypodermic syringes [A61M 5/00](#))
- A61C 19/10      . Supports for artificial teeth for transport or for comparison of the colour
- A61C 2007/00**      **Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions**
- A61C 2007/002      . { Orthodontic computer assisted systems}

- [A61C 2007/004](#) . . Automatic construction of a set of axes for a tooth or a plurality of teeth
- A61C 2008/00** **Means to be fixed to the jaw-bone for consolidating natural teeth or for fixing dental prostheses thereon; Dental implants; Implanting tools** ([fastening of peg-teeth in the mouth A61C 13/30](#))
- [A61C 2008/0018](#) . {characterised by the shape}
- [A61C 2008/0037](#) . . { Details of the shape}
- [A61C 2008/0046](#) . . . Textured surface, e.g. roughness, microstructure ([A61C 8/0013](#) takes precedence)
- [A61C 2008/0084](#) . Provisional implants or abutments
- A61C 2013/00** **Dental prostheses; Making same** (tooth crowns for capping teeth [A61C 5/08](#); dental implants [A61C 8/00](#))
- [A61C 2013/225](#) . Fastening prostheses in the mouth {([A61C 8/0048](#) takes precedence)}
- [A61C 2013/275](#) . . removably secured by using bridging bars or rails between residual teeth
- [A61C 2013/2753](#) . . . characterised by the shape of the bridging bar
- [A61C 2013/2756](#) . . . . having a Y-shaped cross-section
- A61C 2201/00** **Material properties**
- [A61C 2201/002](#) . using colour effect, e.g. for identification purposes
- [A61C 2201/005](#) . using radio-opaque means
- [A61C 2201/007](#) . using shape memory effect
- Dental surgery**
- A61C 2202/00** **Packaging for dental appliances**
- [A61C 2202/01](#) . Packaging for light-curable material
- [A61C 2202/02](#) . Packaging for volatile material
- A61C 2203/00** **Means for making patients feel at ease during dental treatment, e.g. dental instruments in the form of toys**
- A61C 2204/00** **Features not otherwise provided for**
- [A61C 2204/002](#) . using batteries

[A61C 2204/005](#) . using chip tag or any electronic identification mean, e.g. RFID

[A61C 2204/007](#) . using wear indicators